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=> s (follicle(w)stimulating(w)hormone or FSH) and (xx(w)disomy or yy(w)disomy) 3 (FOLLICLE(W) STIMULATING(W) HORMONE OR FSH) AND (XX(W) DISOMY OR YY(W) DISOMY)

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1 DUP REM L1 (2 DUPLICATES REMOVED)

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L2 ANSWER 1 OF 1 MEDLINE on STN DUPLICATE 1

ACCESSION NUMBER: 2008765164 MEDLINE

PubMed ID: 19032689 DOCUMENT NUMBER:

TITLE: Sperm disomy in idiopathic severely oligoasthenoteratozoospermic males.

AUTHOR: Moemen M N; Mostafa T; Gadalla A M; Abbas M; Ismail H F; Abd El-Hamid M F; Abdel Salam M F

CORPORATE SOURCE: Department of Andrology & Sexology, Faculty of Medicine,

Cairo University, Cairo, Egypt.

SOURCE: Andrologia, (2008 Dec) Vol. 40, No. 6, pp. 381-6.

Journal code: 0423506. E-ISSN: 1439-0271. PUB. COUNTRY: Germany: Germany, Federal Republic of DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200901

AB

ENTRY DATE: Entered STN: 27 Nov 2008

Last Updated on STN: 23 Jan 2009 Entered Medline: 22 Jan 2009

men with idiopathic severe oligoasthenoteratozoospermia (OAT). Fifty male subjects were included in this study: 30 infertile men with idiopathic severe OAT and 20 healthy fertile men as controls. Semen analysis, hormonal assay (follicle-stimulating hormone , luteinising hormone and testosterone), scrotal ultrasound examination and fluorescent in situ hybridisation of their semen samples were performed to determine the disomy levels of chromosomes X and Y. There was a significant higher frequency for XX disomy and XY disomy in spermatozoa from severe OAT patients than that in controls. There was nonsignificant difference in the percentage of YY disomy between OAT cases and controls. XX, YY and XY disomy showed nonsignificant correlation with the age. Sperm concentration and

This work aimed to determine the incidence of sperm disomy in infertile

sperm motility demonstrated significant negative correlation with XX and XY disomy. Sperm abnormal forms had significant negative correlation with XX and XY disomy. Nonsignificant correlation was demonstrated between

YY disomy and semen parameters. XX

disomy showed significant positive correlation with XY disomy and nonsignificant correlation with YY disomy. YY

disomy showed nonsignificant correlation with XY disomy. It is concluded that sperm disomy in severe OAT is increased, which should be taken into account when undergoing micromanipulation.

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LAST RELOADED: Oct 16, 2009 (20091016/UP).

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